	APOLLO HOSPITALS, SECUNDERABAD	AAC– 09a
		Issue: C
	POLICY ON RADIOLOGY-LEGAL COMPLIANCE	Date:06-01-2017
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PREPARED BY: HOD-Radiology		APPROVED BY: Chief Executive Officer

### 1.0 PURPOSE:

To comply with the legal requirements applicable to Radiology Department.

### 2.0 SCOPE:

All the Out -Patients & In-Patients, staff and general public.


### RESPONSIBILITY:

Radiologist, Radiographers

### CT SCAN:

- GE Hi-Speed Dual CT scanner is available for performing routine studies and special procedure.
- Atomic Energy Regulatory Board (AERB) certification has been obtained and displayed in the Department. The Licence AP-22912-RF-XL-002..
- The Licence expires on 04.4.2021.
- Personnel monitoring services (TLD badges) are provided for all doctors and technicians
- Dose report of the radiation workers obtained
- Radiation dose is routinely monitored every 3 month by the accredited laboratory is filed
- Radiation leave is given for all permanent Staffs.
- Lead aprons and thyroid shields are available in the department for protecting the Doctors and Technicians during various radiology procedures.
- Scanning of pelvis/abdominal region of the women of reproductive age is discouraged as far as possible.

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#### **X RAY:**

- Siemens 500mA offers full range of radiographs in the department.
- Two GE 120mA machines are available for bedside radiography for critical patients in all wards including ICU and Emergencies.
- C-Arm fluoroscopy machine is kept in Operation theatre for all operative requirements
- Atomic Energy Regulatory Board (AERB) certification has been obtained
- The Licence NO,AP-22912-RF-XR-003.
- The Licence is valid till 29.03.2021.
- Safety measures are ensured for all staff handling the X ray unit
- Personnel monitoring services (TLD badges) are provided for all doctors and technicians
- Dose report of the radiation workers is obtained.
- Radiation dose is routinely monitored every 3 month by the accredited laboratory is filed
- Radiation leave is given for all permanent staffs.
- Lead shields, lead aprons and thyroid shields are available in the department for protecting the Doctors and Technicians during various radiology procedures.
- Scanning of pelvis/abdominal region of the women of reproductive age is discouraged as far as possible.

#### **ULTRASOUND AND DOPPLER:**

- Phillips HD7 and HD11XE are available for all routine studies and special procedure in the Department.

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- As per the Prenatal Diagnostic Techniques (PNDT) act our Ultrasound is registered with the appropriate authority (State Government).
- The Registration Certificate (Form B) is displayed.
- The PNDT Registration No 0116A751.
- The Registration renewal on 31.3.2015. The Licence is valid till 30.03.2020.
- As per the Prenatal Diagnostic Techniques act, we maintain monthly report register for implementation of PNDT Act, Form G and Form F.
- Form F: We obtain details of the patients with declaration from both patients as well as the doctor who performs the Ultrasound ,that the sex, of the foetus will not be determined and will never be disclosed (The Form F has been displayed).
- The consent from the patient for performing Antenatal Ultrasound is obtained in Form G (The Form G has been displayed).
- Monthly report is submitted to District Medical and Health Office, Telangana.
- Display of board which consist of 'Disclosure of the sex of the foetus is prohibited under law' in English, Telugu(Local language) and Hindi as required by PNDT act.

#### **MRI**

- MRI Philips 1.5 T is available.
- MRI safety measures include taking information in MRI Data sheet for identifying patients with cardiac pacemakers, aneurysm, etc.
- Precautions and measures are taken to prevent metallic trolleys, stretchers and other equipments from been drawn into the magnet into the MRI scan.

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